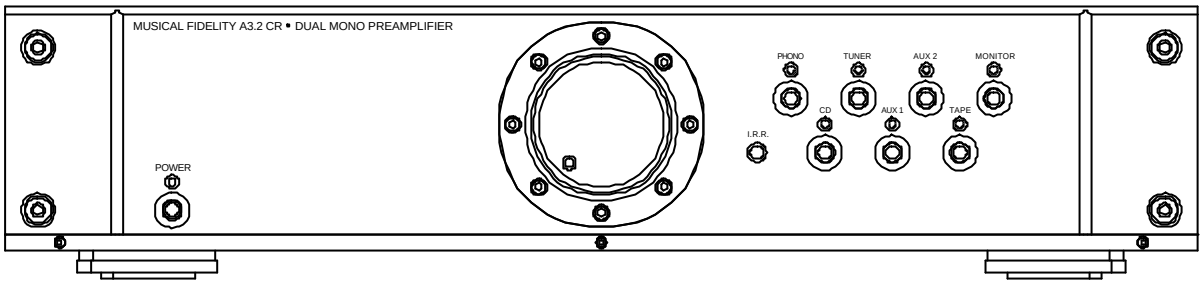
A3.2 CR

DUAL MONO PREAMPLIFIER



INSTRUZIONI PER L 'USO

Grazie per aver scelto il Musical Fidelity
l' A3.2 CR , preamplificatore con telecomando.

Usato appropriatamente e con attenzione, vi darà molti anni di eccellente riproduzione musicale

Esteticamente l' A3.2 CR Preamplifier si abbina perfettamente all' A3.2 CR Power amplifier, all' A3.2 CD player ed all' A3.2 Tuner. Insieme, formano uno dei migliori sistemi hifi che pensiamo siano disponibili

Spolverare regolarmente con panno soffice o con soffiec spazzola e ponete attenzione massimo nell'uso di agenti lucidanti /detergenti perchè potrebbero danneggiare la suprficie nelle finiture

Se avete domande da farse circa il vostro sistema audio
Vi preghiamo di consultare il vostro rivenditore che provvederà a darvi risposte.

MUSICAL FIDELITY

INFORMAZIONI SICUREZZA

IMPORTANT! (U.K. only)

This unit is supplied in the U.K. with a mains lead fitted with a moulded 13 amp plug. If, for any reason, you need to cut off this plug, please remove the fuse holder and dispose of the plug safely, out of reach of children. ***It must not be plugged into a mains outlet***.

The wires in the mains lead supplied with this appliance are coloured in accordance with the following code:

Green and yellow.....Earth
Blue.....Neutral
Brown.....Live

WARNING - This appliance must be earthed

As the colours of the wires of the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked with the letter E or coloured green or green-and-yellow, or by the earth symbol:

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

If connecting to a BS1363 plug, a 13 amp fuse must be used.

AVVERTENZA:

Ogni modifica a questo prodotto non espressamente approvata da Musical Fidelity che è la party responsibile per la conformità agli standards potrebbe annullare l'autorità dell'utilizzatore di operare/usare questa unità.

CONSIGLI GENERALI

PRECAUZIONI ALL'INSTALLAZIONE ED INFORMAZIONI ALL'UTILIZZATORE

Il vostro nuovo A3.2 CR pre-amplifier è progettato e costruito per dare performances senza problemi, ma come per tutte le unità elettroniche è necessario osservare alcune precauzioni:

Badate as tutte le avvertenza indicate e riportate dietro all'unità.

Collefare l'A3.2 CR *pre-amplifier solamente a prese di rete che hanno la stessa tensione d'uso riportata sul retro dell'unità.*

Assicurarsi sempre che quando si collegana o scollegana i vostri apparecchi audio l'alimentazione sia spenta e la spina staccata dalla presa.

Porre il cavo di alimentazione ed i cavi di inter / connessione dove non vengano schiacciati comminando e/o intrappolati/schiacciati da oggetti posti loro sopra.

Non usare vicino ad acqua, o non porre contenitori d'acqua sull'unità, come per esempio,vasi di fiori o vasi di piante e sottovasi. ***Se acqua dovesse entrare, immediatamente staccare l'interuttore generale e la spina dalla presa a muro ed informate il vostro rivenditore, che dovrà controllare l'unità prima di usarla nuovamente L'entrata di liquido all'interno è pericoloso, e può causare elettrico shock o rischi di incendio.***

Non porre l'unità vicino a sorgenti di calore qyuali ad es. caloriferi, raggi solari o altri apparecchi. L'involucro di questo preamp e dei finali potrebbediventare/diventa caldo . Porre l'unità in un'area ben ventilata e non toccar la porzioni coinvolte dal calore (quali ad es. alette di raffreddamento) .

Non rimuovere i coperchio o tentare di accedere all'interno. All'intenro non vi sono parti che debbono essere raggiunte dall'utilizzatore. Se necessitate di assistenza rivolgetevi solo a centri pecializzati.
NOTA: L'apertura non autorizzata del prodotto invalida ogni richiesta di garanzia.

All'interno dell' A3.2 CR pre-amplifier vi sono fusibili. Se dovessere rendersi necessaria la sostituzione portate l'unità al rivenditore. NON tentate di sostituire da soli il/i fusibile/i perchè questo fa decadere la garanzia.

Pulire regolarmente cn un panno/spazzola morbidi, ma siate estremamente attenti nell'uso di agenti di pulizia - questi potrebbero danneggiare la superficie.

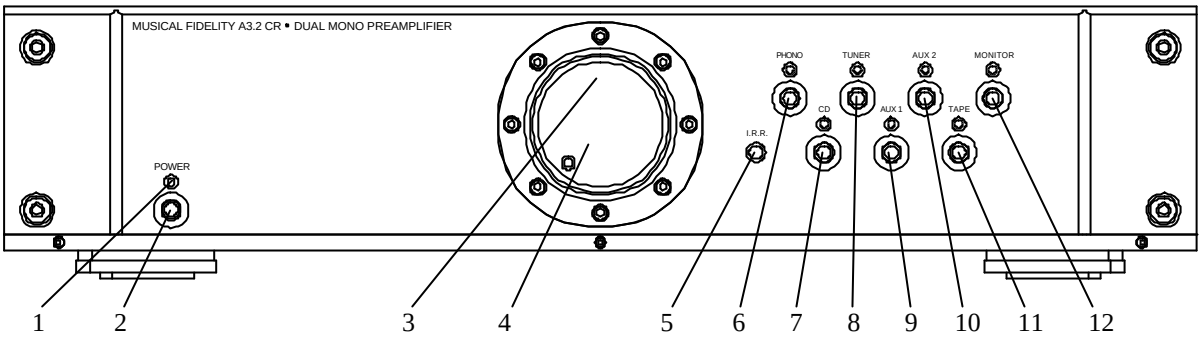
L'elettronica in moderni equipaggiamenti hi-fi è complessa e può essere afflitta negativamente o danneggiata dai fulmini . Per proteggere il vostro sistema audio durante temporali con fulmini, rimuovere la spina di rete e scollegare ogni cavo aeriale.

Se viene richiesta assistenza dopo-vendita, fornite al rivenditore il numero di matricola, lo scontrino fiscale ed una descrizione del difetto.

RADIO FREQUENCY INTERFERENCE (R.F.I)

Questo prodotto è stato testato per assicurare che le sue operazioni non siano influenzate da normali livelli di fondo di R.F.I., e che esso stesso non generei eccessivi ammontari di interferenza.
Se dovesse esistere e persistere un problema contattare il vsotro agente Musical Fidelity .

CONNESSIONI E FACILITIES

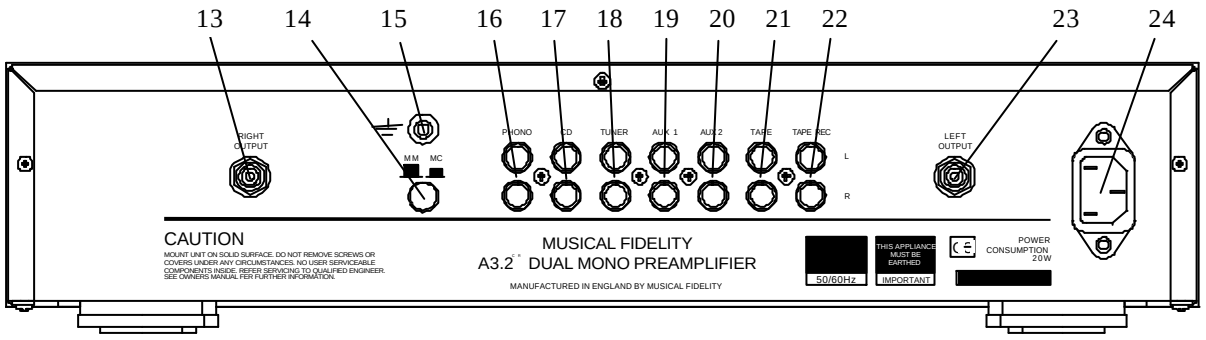


Disegno pannello frontale

1	Indicatore accensione LED (red)
2	Tasto acceso(spento
3	Indicatore di mute LED (blue)
4	Volume controllo
5	**I**nfra **Rosso Ricevito**re
6	Tasto selezione ingres. PHONO e LED
7	Tasto selezione ngresso CD e LED
8	Tasto selezione TUNER e LED
9	Tasto selezione AUX 1 e LED
10	Tasto selezione AUX 2 input e LED
11	Tasto selezione ingresso TAPE e LED
12	TAPE MONITOR tasto e LED

Disegno pannello posteriore

13	Uscita destra RIGHT
14	Selettore MM/MC
15	Collegamento della terra Phono
16	Ingresso PHONO
17	Ingresso CD
18	Ingresso TUNER
19	Ingresso AUXILLIARY 1
20	Ingresso AUXILLIARY 2
21	Ingresso TAPE
22	Uscita TAPE RECORD
23	Uscita sinistra LEFT
24	Vaschetta cavo rete - IEC



TELECOMANDO

The blue buttons on the remote control enable main functions of the preamplifier to be operated from a convenient distance. Remaining buttons on this universal handset are for use with other Musical Fidelity products, and have no effect on the A3.2 CR Pre-amplifier.

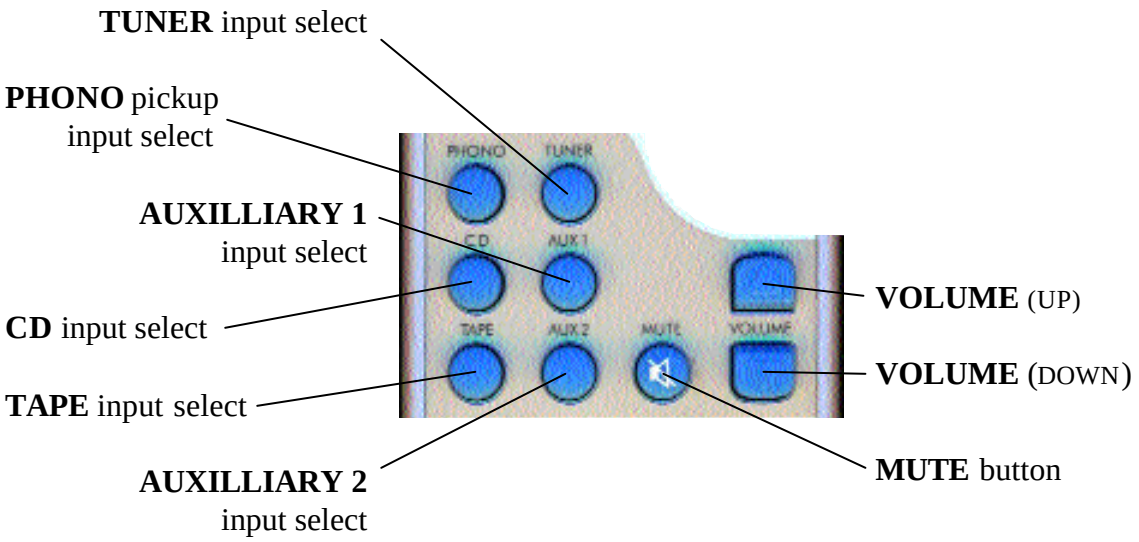
Equivalent buttons on the remote handset have the same functions as the those on the front panel of the unit. Some operations are only available via the handset.

As the remote control uses an invisible infra-red light beam, the transmitter must be pointed directly towards the receiver window on the front of the pre-amplifier, without visual obstruction between them.

Pressing the volume-up or -down buttons on the remote handset will advance the motorised volume control in the required direction.

Pressing the **MUTE** button mutes audio output from the LINE-OUT sockets, but has no effect on the TAPE OUT sockets for recording. To show that the line output is muted, the blue LED in the volume control knob goes out. Press the **MUTE** button again to cancel mute function, and the blue knob LED will light again.

If the range of the remote control greatly decreases, replace the batteries with new ones.
Do not mix old and new batteries - two are required, type SUM-4, AAA or LR03.



CONNECTIONS

All input and output connections should be made with the mains power switched OFF.

INPUT CONNECTIONS

The A3.2 CR pre-amplifier has one pair of phono inputs, which can be used either for moving magnet (MM) or moving coil (MC) pickups.

The phono input sensitivity requirement can be changed from MM to MC by pressing the push-button switch located on the rear panel.
Important *- Do not operate the MM/MC switch with the volume control turned up.*

Some turntable/pickup arm combinations are fitted with an extra wire for chassis earthing. This should be connected to the earth terminal on the back panel.

The A3.2 CR Pre also has five "line level" inputs which are electrically identical, and therefore suitable for use with any source component having an output of at least 300mV. Input sockets on the rear panel are marked **CD**, **TUNER**, **AUXILLIARY 1**, **AUXILLIARY 2**, and **TAPE**, to correspond with function buttons on the front panel.

Connect the left and right outputs from your CD player, tuner, tape deck or phono/record deck to the appropriate RCA input sockets on the back panel.

For the best results we recommend using either Musical Fidelity X-LINX "no-nonsense" cables for this connection or the highly rated Nu-Vista leads with integral RFI suppression. Various lengths are available in the Nu-Vista interconnect range. Please contact your local dealer for more information.

PRE-AMPLIFIER OUTPUT

Left and right audio outputs are provided from RCA sockets on the back panel, which are controlled by the volume adjustment.

TAPE RECORDER CONNECTION

The pre-amplifier has a single tape circuit with facilities for off-tape monitoring with suitable 3-head tape decks (see page 7).

Connection of your tape recorder to the A3.2 CR Pre should be as follows:

The tape deck's left and right line outputs are routed to the pre-amplifier's **TAPE** (input) sockets, and the tape deck's line inputs are connected to the A3.2 CR's **TAPE RECORD** (output) sockets.

BEFORE SWITCHING ON . . . . .

Plug the accessory IEC mains lead into the rear panel socket, then the other end into a convenient wall outlet.

Turn the volume control on the front panel to minimum (anticlockwise).

OPERATION

STARTING . . . .

Press the power button on the A3.2 CR pre-amplifier. The red power LED on the front panel will light confirming that the unit is ready for use. However, for the first five seconds, sound from your speakers will be muted, and the blue LED in the volume control will not be lit. During this initial period, the seven blue function LEDs will flash in sequence.

Unless using your pre-amplifier for off-tape monitoring (see paragraph opposite →) ensure that the **TAPE MONITOR** button has not been pressed accidently, as otherwise no sound will be heard through the speakers.

Select the required audio input source by pressing an appropriate function button on the front panel or remote control, and adjust the volume control to obtain the preferred sound level.

TAPE RECORDING

To record, simply select the required source with the input selector button on the front panel. This source will now be routed to the A3.2 Pre's **TAPE RECORD** output sockets for recording by the external tape deck.
You will also be able to hear the selected source through the loudspeakers.

Note - adjustment of the volume control has no effect on the recording level.

OFF TAPE MONITORING

In conjunction with a 3-head cassette deck, off-tape monitoring allows the user to compare the recorded sound with the original whilst a recording is being made. To do this, first select the required source in the normal way and start recording. The **TAPE MONITOR** button on the front panel can now be used to switch between the source sound and its recorded version.

The blue LED just above the tape monitor button indicates that the tape monitor function is operating.

Note that the recorded sound is selected when this LED is lit. On some 3-head tape decks there is an additional 'tape/source' switch which must be in the 'tape' position for the above arrangement to work.

If in doubt, please refer to your tape deck operating manual.

TROUBLESHOOTING

Basic problem solving with a pre-amplifier is similar to troubleshooting any other electrical or electronic equipment. Always check the most obvious possible causes first. To give you a few ideas of what to look for, check the following:

Problem	*Possible Cause*	*Remedy*
No power when **MAINS POWER** switch is operated	Mains plug not inserted fully into the rear socket	Plug in securely
No sound	Tape monitor function has been selected (see page 7)	Cancel tape monitor function by pressing the **MONITOR** button again
	Mute function is selected	Press mute button on the remote control
	Wrong connections between the A3.2 CR Pre and amplifier	Check audio lead inter-connections between the pre-amplifier and amplifier
Remote control unit does not operate	**POWER** switch is set to OFF	Press **POWER** button
	Batteries not inserted in remote control unit	Insert batteries
	Batteries are flat	Replace batteries - do not mix old and new ones
Range of remote control has greatly reduced	Batteries are running out	Replace batteries - do not mix old and new ones

If none of these actions effect a cure, please contact your dealer, or an authorised Musical Fidelity service agent. Remember, never open the case of the A3.2 CR Pre-amplifier yourself, as this will invalidate the guarantee.

SPECIFICATIONS

A3.2 CR

DUAL MONO PREAMPLIFIER

Inputs	5 pairs line level, 1 pair phono, moving magnet (MM), or moving coil (MC) - switchable
Total harmonic distortion	< 0.005% 20Hz to 20kHz
Frequency response	10Hz to 100kHz ±1dB (line inputs)
Input sensitivity (for 1Volt RMS output at maximum volume)	Line level 240mV, 200k ohms Phono MM 2.5mV, 47k ohms MC 400µV, 47k ohms
Signal / noise ratio (ref 1Volt RMS output)	Line > 90dB 'A'-weighted Phono, MM > 80dB 'A'-weighted Phono, MC > 65dB 'A'-weighted
Power requirements	100 / 115 / 230V AC 50 / 60Hz (factory preset)
Power consumption	20 Watts
Dimensions	440mm wide 100mm high including feet 390mm deep including volume knob and rear panel terminals
Weight	12.5 kg unit only, un-boxed 14.5 kg in shipping carton
Standard accessories	IEC type mains lead Remote control handset (universal) 2 x batteries (AAA, MN2400, LR03)

CE

Musical Fidelity reserves the right to make improvements which may result in specification or feature changes without notice.